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A3 5,556,627 12-Aug-1997 Bernis et al.
A4 5,847,135 08-Dec-1998 Bernis et al. A5 5,716,929 10-Feb-1998 Bernis et al. A6 6,103,711 15-Aug-2000 Bernis et al. A7 5,973,111 26-Oet-1999 Bernis et al. A8 6,420,522 16-Jul-2002 Bernis et al. A9 6,015,147 15-Feb-2000 Bernis et al. A10 20030162993 28-Aug-2003 Mortimore et al. A11 20040019017 29-Jan-2004 Mortimore et al. FOREIGN PATENT DOCUMENTS Exam Initials Cite No. Foreign Patent Document Office Number Office Number FOREIGN PATENT DOCUMENTS B1 WO \$91/6503 A1 Warner-Lambert Company 23-Apr-1998 B2 WO \$91/6503 A1 Warner-Lambert Company 23-Apr-1998 B3 WO \$91/6503 A1 Warner-Lambert Company 23-Apr-1998 B2 WO \$91/6503 A1 Warner-Lambert Company 23-Apr-1998 B3 WO \$91/6503 A1 Warner-Lambert Company 125-Apr-1998 B2 WO \$91/6503 A1 Warner-Lambert Company 125-Apr-1998 B2 WO \$91/6503 A1 Warner-Lambert Company 125-Apr-1998 B3 WO \$91/6503 A1 Warner-Lambert Company 125-Apr-1998 B2 WO \$91/6503 A1 Warn
A5 5,716,929 10-Feb-1998 Bernis et al.
A6 6,103,711 15-Aug-2000 Bemis et al.
A7 5,973,111 26-Oct-1999 Bernis et al. A8 6,420,522 16-Jul-2002 Bernis et al. A9 6,025,147 15-Feb-2000 Bernis et al. A10 20030162993 28-Aug-2003 Mortimore et al. A11 20040019017 29-Jan-2004 Mortimore et al. FOREIGN PATENT DOCUMENTS Exam Initials Cite No. Foreign Patent Document Office Number Name of Patentee(s) or Applicant(s) B1 WO \$816502 A1 Warner-Lambert Company 23-Apr-1998 No B2 WO \$816502 A1 Warner-Lambert Company 23-Apr-1998 No B3 WO 9640647 A1 Prototek Inc. 19-Dec-1996 No B4 WO 981781A2 Versicor Inc. 19-Dec-1996 No B5 WO 2004038718 A1 Texas Biotechnology Corporation I6-Nov-2000 No B6 WO 2004038718 A1 Vertex Pharmaceuticals Incorporated 15-July-2004 No B7 WO 2004002961 A1 Vertex Pharmaceuticals Incorporated No-Jan-2004 No B8 DD 222699 A1 Akademie der Wissenschaften der 5-Feb-1986 X OTHER NON PATENT LITERATURE DOCUMENTS Exam Initials Cite No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. C1 Semple, G., et al. "Pyridone-Based Peptidomimetic Inhibitors." J. of Cell. Biochem., 64(1):19-26 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors." J. of Cell. Biochem., 64(1):19-26 (1997). C4 Hussian, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted 4-Quinazolones As Possible Anticonvulsants,", Pharmaceutical, 37(6):408-41 (1982).
A8 6,420,522 16-Jul-2002 Bemis et al. A9 6,025,147 15-Feb-2000 Bemis et al. A10 20030162993 28-Aug-2003 Mortimore et al. A11 20040019017 29-Jan-2004 Mortimore et al. FOREIGN PATENT DOCUMENTS Exam Initials Cite No. Foreign Patent Document Office Number Name of Patentee(s) or Applicant(s) B1 WO 98/16502 A1 Warner-Lambert Company 23-Apr-1998 B2 WO 98/16505 A1 Warner-Lambert Company 23-Apr-1998 B3 WO 98/16505 A1 Warner-Lambert Company 23-Apr-1998 B3 WO 98/16505 A1 Prototek Inc. 19-Doc-1996 B4 WO 98/18781A2 Versior Inc. 07-May-1998 B5 WO 2004/08188 A1 Texas Biotechnology Corporation 16-Nov-2000 B6 WO 2004/058718 A1 Vertex Pharmaceuticals Incorporated 15-July-2004 B7 WO 2004/058718 A1 Vertex Pharmaceuticals Incorporated 08-Jan-2004 B7 WO 2004/05961 A1 Vertex Pharmaceuticals Incorporated 08-Jan-2004 B7 WO 2004/059718 A1 Vertex Pharmaceuticals Incorporated 08-Jan-2004 B8 DD 232699 A1 Akademie der Wissenschaften der 5-Feb-1986 X OTHER NON PATENT LITERATURE DOCUMENTS Exam Cite Initials No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. OTHER NON PATENT LITERATURE DOCUMENTS C1 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C3 Hussin, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants," J. Pharmacet., 37(6):408-410 (1982).
A9 6,025,147 15-Feb-2000 Bemis et al. A10 20030162993 28-Aug-2003 Mortimore et al. FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS Date of Publication Translation Yes No
A10 20030162993 28-Aug-2003 Mortimore et al. FOREIGN PATENT DOCUMENTS Exam Initials Cite No. Foreign Patent Document Office Number Number Number Office Number Office Number Service Number Office Office Number Office Office Office Number Office O
All 20040019017 29-Jan-2004 Mortimore et al.
Name of Patentee(s) or Applicant(s) Date of Publication Translation Yes No
FOREIGN PATENT DOCUMENTS Exam
Cite No. Foreign Patent Document Office Number Name of Patentee(s) or Applicant(s) Date of Publication Translation Yes No
Bi
B2 WO 98/16505 A1 Warner-Lambert Company 23-Apr-1998 B3 WO 96/40647 A1 Prototek Inc. 19-Dec-1996 B4 WO 98/18781A2 Versicor Inc. 07-May-1998 B5 WO 2000/68188 A1 Texas Biotechnology Corporation 16-Nov-2000 B6 WO 2004/058718 A1 Vertex Pharmaceuticals Incorporated 15-July-2004 B7 WO 2004/002961 A1 Vertex Pharmaceuticals Incorporated 08-Jan-2004 B8 DD 232699 A1 Akademie der Wissenschaften der 5-Feb-1986 X OTHER NON PATENT LITERATURE DOCUMENTS Exam Initials Cite No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. C1 Semple, G., et al. "Pyridone-Based Peptidomimetic Inhibitors of Interleukin-1β-Converting Enzyme (ICE)," Bioorganic & Medicinal Chem. Letters, 7(10): 1337-1342 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C3 Hussin, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants,", Pharmazie, 37(6):408-410 (1982). C4 Hussian, M., Imitiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
B3 WO 96/40647 A1 Prototek Inc. 19-Dec-1996 B4 WO 98/18781A2 Versicor Inc. 07-May-1998 B5 WO 2000/68188 A1 Texas Biotechnology Corporation 16-Nov-2000 B6 WO 2004/058718 A1 Vertex Pharmaceuticals Incorporated 15-July-2004 B7 WO 2004/002961 A1 Vertex Pharmaceuticals Incorporated 08-Jan-2004 B8 DD 232699 A1 Akademie der Wissenschaften der 5-Feb-1986 X OTHER NON PATENT LITERATURE DOCUMENTS Exam Initials No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. C1 Semple, G., et al. "Pyridone-Based Peptidomimetic Inhibitors of Interleukin-1β-Converting Enzyme (ICE)," Bioorganic & Medicinal Chem. Letters, 7(10):1337-1342 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C3 Husain, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants,", Pharmazie, 37(6):408-410 (1982). C4 Hussian, M., Imtiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
B4 WO 98/18781A2 Versicor Inc. 07-May-1998 B5 WO 2000/68188 A1 Texas Biotechnology Corporation 16-Nov-2000 B6 WO 2004/058718 A1 Vertex Pharmaceuticals Incorporated 15-July-2004 B7 WO 2004/002961 A1 Vertex Pharmaceuticals Incorporated 08-Jan-2004 B8 DD 232699 A1 Akademie der Wissenschaften der 5-Feb-1986 X OTHER NON PATENT LITERATURE DOCUMENTS Exam Initials No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. C1 Semple, G., et al. "Pyridone-Based Peptidomimetic Inhibitors of Interleukin-1β-Converting Enzyme (ICE)," Bioorganic & Medicinal Chem. Letters, 7(10):1337-1342 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C3 Husain, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants,", Pharmazie, 37(6):408-410 (1982). C4 Hussian, M., Imtiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
B5 WO 2004/058718 A1 Texas Biotechnology Corporation 16-Nov-2000 B6 WO 2004/058718 A1 Vertex Pharmaceuticals Incorporated 15-July-2004 B7 WO 2004/002961 A1 Vertex Pharmaceuticals Incorporated 08-Jan-2004 B8 DD 232699 A1 Akademie der Wissenschaften der 5-Feb-1986 X OTHER NON PATENT LITERATURE DOCUMENTS Exam Initials No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. C1 Semple, G., et al. "Pyridone-Based Peptidomimetic Inhibitors of Interleukin-1β-Converting Enzyme (ICE)," Bioorganic & Medicinal Chem. Letters, 7(10):1337-1342 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C3 Husain, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants,", Pharmazie, 37(6):408-410 (1982). C4 Hussian, M., Imtiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
B6 WO 2004/058718 A1 Vertex Pharmaceuticals Incorporated 15-July-2004 B7 WO 2004/002961 A1 Vertex Pharmaceuticals Incorporated 08-Jan-2004 B8 DD 232699 A1 Akademie der Wissenschaften der 5-Feb-1986 X OTHER NON PATENT LITERATURE DOCUMENTS Exam Initials No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. C1 Semple, G., et al. "Pyridone-Based Peptidomimetic Inhibitors of Interleukin-1β-Converting Enzyme (ICE)," Bioorganic & Medicinal Chem. Letters, 7(10):1337-1342 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C3 Husain, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants,", Pharmazie, 37(6):408-410 (1982). C4 Hussian, M., Imitiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
B7 WO 2004/002961 A1 Vertex Pharmaceuticals Incorporated 08-Jan-2004 B8 DD 232699 A1 Akademie der Wissenschaften der 5-Feb-1986 X OTHER NON PATENT LITERATURE DOCUMENTS Exam Initials No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. C1 Semple, G., et al. "Pyridone-Based Peptidomimetic Inhibitors of Interleukin-1β-Converting Enzyme (ICE)," Bioorganic & Medicinal Chem. Letters, 7(10):1337-1342 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C3 Husain, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants,", Pharmazie, 37(6):408-410 (1982). C4 Hussian, M., Imitiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
B8 DD 232699 A1 Akademie der Wissenschaften der 5-Feb-1986 X OTHER NON PATENT LITERATURE DOCUMENTS Exam Initials No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. C1 Semple, G., et al. "Pyridone-Based Peptidomimetic Inhibitors of Interleukin-1β-Converting Enzyme (ICE)," Bioorganic & Medicinal Chem. Letters, 7(10):1337-1342 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C3 Husain, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants,", Pharmazie, 37(6):408-410 (1982). C4 Hussian, M., Imitiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
OTHER NON PATENT LITERATURE DOCUMENTS Exam Initials No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. C1 Semple, G., et al. "Pyridone-Based Peptidomimetic Inhibitors of Interleukin-1β-Converting Enzyme (ICE)," Bioorganic & Medicinal Chem. Letters, 7(10):1337-1342 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C3 Husain, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants,", Pharmazie, 37(6):408-410 (1982). C4 Hussian, M., Imtiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
Exam Initials No. Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. C1 Semple, G., et al. "Pyridone-Based Peptidomimetic Inhibitors of Interleukin-1β-Converting Enzyme (ICE)," Bioorganic & Medicinal Chem. Letters, 7(10):1337-1342 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C3 Husain, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants,", Pharmazie, 37(6):408-410 (1982). C4 Hussian, M., Imitiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
Initials No. Name of Author, 1 lite (when appropriate), Publication, Volume, Pagets), Date, Etc. C1 Semple, G., et al. "Pyridone-Based Peptidomimetic Inhibitors of Interleukin-1β-Converting Enzyme (ICE)," Bioorganic & Medicinal Chem. Letters, 7(10):1337-1342 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C3 Husain, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants,", Pharmazie, 37(6):408-410 (1982). C4 Hussian, M., Imtiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
7(10):1337-1342 (1997). C2 Livingston, D.J. "In Vitro and In Vivo Studies of Ice Inhibitors," J. of Cell. Biochem., 64(1):19-26 (1997). C3 Husain, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants,", Pharmazie, 37(6):408-410 (1982). C4 Hussian, M., Imtiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
C3 Husain, M. I., et al. "Some New 2-Aryloxymethyl-3-alpha-substituted Carboxymethyl-6,8-substituted-4-Quinazolones As Possible Anticonvulsants,", Pharmazie, 37(6):408-410 (1982). C4 Husain, M., Imtiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
Pharmazie, 37(6):408-410 (1982). C4 Hussian, M., Imtiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
C4 Hussian, M., Imtiaz, et al. "Some Newer Quinazolones as Possible Anticonvulsants," J. Chem. Soc. Pak, 6(4):211-215 (1984).
C5 Canonne, P., et al. "Synthesis of chiral 3-substituted 2,4(1H,3H)-quinazolinediones," Heterocycles, 36(6):1305-1314 (1993).
C6 Gouilleux, L, et al.: "Solid Phase Synthesis of Chiral 3-substituted Quinazoline-2, 4-diones," Tetrahedron, Letters, 37(39):7031-7034 (1996).
C7 Gordeev, M. F., et al. "A General and Efficient Solid Phase Synthesis of Quinazoline-2, 4-diones," Tetrahedron Letters, 38(10):1729-1732 (1997).
Prokai-Tatrai, K., et al., "Prodrugs to Enhance Central Nervous System Effects of TRH-like Peptide pGlu-Glu-Pro-NH2," Bioorg. Med. Chem. Lett., 13:1011-1014 (2003).
C9 Narasimhan, R. S., "Synthetic Application of Lithiation Reactions; IX. A Simplified Synthesis of Isocoumarin," Synthesis, 12: 797 (1975).
C10 Kinder, M. A., et al., "Solid State Photochemistry of Isocoumarins and Isothiocoumarins," Tetrahedron 56: 6763-6767 (2000).
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^{*} a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, ______, filed ______, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications). EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered include copy of this form with next communication to applicant.